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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicants:** T. Douglas Mast, et al                      **Examiner:** Not assigned  
**Serial No.:** 10/735,045                                      **Art Unit:** 3737  
**Filed:** December 12, 2003                              **Docket:** END-5043CIP2  
**Customer No.** 0000027777

**For:                      METHOD FOR MAPPING TEMPERATURE RISE USING PULSE-ECHO  
                                 ULTRASOUND**

I hereby certify that this correspondence is being deposited with the  
United States Postal Service as first class mail in an envelope addressed  
to: Commissioner For Patents, PO Box 1450, Alexandria, VA 22313-1450 on

October 19 2004  
(Date of Deposit)

Linda F. Hansen  
(Name of applicant, assignee, or Registered Representative)  
Linda F. Hansen  
(Signature)

October 19 2004  
(Date of Signature)

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**PETITION TO CORRECT  
INVENTORSHIP UNDER 37 C.F.R §1.48(a)**

In accordance with the provisions of 37 C.F.R. §1.48(a), Petitioners respectfully  
request that the Commissioner correct the inventorship of U.S. Patent Application Serial No.  
10/735,045.

Specifically, Petitioners seek to add Inder Raj S. Makin, Peter G. Barthe and Michael H. Slayton as inventors to the above-identified U.S. Patent Application. The omission of Inder Raj S. Makin, Peter G. Barthe and Michael H. Slayton as named co-inventors was made through an error which arose without any deceptive intention on the part of Inder Raj S. Makin, Peter G. Barthe and Michael H. Slayton or anyone else.

Accompanying this Petition are Statements of Inder Raj S. Makin, Peter G. Barthe and Michael H. Slayton under 37 C.F.R. §1.48(a)(1) acknowledging that the error underlying their omission as named inventors occurred without any deceptive intention on their parts.

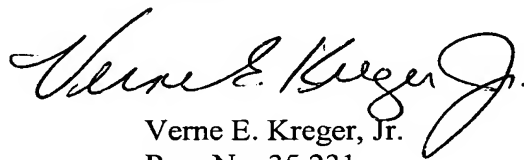
Also accompanying this Petition is a new Declaration by the actual inventors as required by 37 C.F.R. § 1.48(a)(2) and 1.63.

Also accompanying this Petition is a Consent To Change Inventorship under 37 C.F.R. § 1.48, executed on behalf of the assignee Ethicon Endo-Surgery, Inc.

Authorization is hereby made to charge the fee under 37 C.F.R. §1.17(i) to Deposit Account No. 10-0750/END-5043/VEK.

Accordingly, the Petitioners respectfully request that the Commissioner grant the instant petition to correct the inventorship of the above-identified application by the addition of Inder Raj S. Makin, Peter G. Barthe and Michael H. Slayton as named co-inventors.

Respectfully submitted,



Verne E. Kreger, Jr.  
Reg. No. 35,231

Johnson & Johnson  
One Johnson & Johnson Plaza  
New Brunswick, NJ 08933  
513-337-3295  
October 19, 2004



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicants:** T. Douglas Mast, et al

**Examiner:** Not assigned

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**For: METHOD FOR MAPPING TEMPERATURE RISE USING PULSE-ECHO ULTRASOUND**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**CONSENT TO CHANGE INVENTORSHIP UNDER 37 C.F.R. § 1.48**

In accordance with the provisions of 37 C.F.R. §1.48, Ethicon Endo-Surgery, Inc., 4545 Creek Road, Cincinnati, OH 45242, Assignee under an Assignment filed with the USPTO on December 12, 2003 and recorded at Reel 014817 and Frame 0090 on December 12, 2003, hereby consents to the correction of inventorship to U.S. Patent Application Serial No. 10/735,045 filed concurrently.

Respectfully submitted,

Verne E. Kreger, Jr.

Verne E. Kreger, Jr.  
Vice-President of Patent Law  
Ethicon Endo-Surgery, Inc.  
Reg. No. 35,231

Johnson & Johnson  
One Johnson & Johnson Plaza  
New Brunswick, NJ 08933  
513-337-3295  
October 19, 2004



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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**For:** **METHOD FOR MAPPING TEMPERATURE RISE USING PULSE-ECHO  
ULTRASOUND**

Commissioner for Patents  
PO Box 1450  
Arlington, VA 22313-1450

**STATEMENT OF INDER RAJ S. MAKIN**  
**UNDER 37 C.F.R. § 1.48 (a) (1)**

I, Inder Raj S. Makin, state that I was originally omitted as a named coinventor of the subject matter embodied in the above U.S. Patent Application 10/735,045 because of an error which occurred without any deceptive intention on my part.

Dated: September 14, 2004

Inder Raj S. Makin  
Inder Raj S. Makin



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicants:** T. Douglas Mast, et al

**Examiner:** Not assigned

**Serial No.:** 10/735,045

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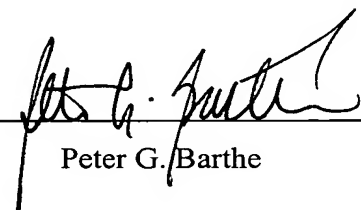
**For:** **METHOD FOR MAPPING TEMPERATURE RISE USING PULSE-ECHO  
ULTRASOUND**

Commissioner for Patents  
PO Box 1450  
Arlington, VA 22313-1450

**STATEMENT OF PETER G. BARTHE**  
**UNDER 37 C.F.R. § 1.48 (a) (1)**

I, Peter G. Barthe, state that I was originally omitted as a named coinventor of the subject matter embodied in the above U.S. Patent Application 10/735,045 because of an error which occurred without any deceptive intention on my part.

Dated: 20 September 2004

  
Peter G. Barthe



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

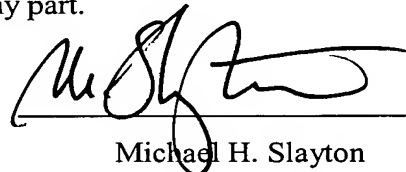
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ULTRASOUND**

Commissioner for Patents  
PO Box 1450  
Arlington, VA 22313-1450

**STATEMENT OF MICHAEL H. SLAYTON**  
**UNDER 37 C.F.R. § 1.48 (a) (1)**

I, Michael H. Slayton, state that I was originally omitted as a named coinventor of the subject matter embodied in the above U.S. Patent Application 10/735,045 because of an error which occurred without any deceptive intention on my part.

Dated: 9/15/04

  
\_\_\_\_\_  
Michael H. Slayton



Please type a plus sign (+) inside this box ☐

PTO/SB/01 (10-00)

Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)</b>  <input type="checkbox"/> Declaration Submitted with Initial Filing <b>OR</b> <input checked="" type="checkbox"/> Declaration Submitted after Initial Filing (Surcharge (37 CFR 1.16(e)) required)	Attorney Docket Number	END-5043
	First Named Inventor	T. Douglas Mast
	<b>COMPLETE IF KNOWN</b>	
	Application Number	10/735,045
	Filing Date	December 12, 2003
	Group Art Unit	3737
Examiner Name	Not assigned	

**As a below named inventor, I hereby declare that:**

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I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHOD FOR MAPPING TEMPERATURE RISE USING PULSE-ECHO ULTRASOUND**  
(Title of the Invention)

the specification of which

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY) 12/12/2003 as United States Application Number or PCT International Application Number 10/735,045 and was amended on (MM/DD/YYYY) ☐

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:



### DECLARATION - Utility or Design Patent Application

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Application Serial No.	Filing Date	Status
10/153,241	May 22, 2002	Pending

I hereby appoint:

☒ Practitioners at Customer Number **000027777** →

Place Customer  
Number Bar Code  
Label Here

AND

☐ Practitioner(s) named below:  
Name Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Address all telephone calls to Verne E. Kreger, Jr. at telephone number (513) 337-3295.

Direct all correspondence to: ☒ Customer Number **000027777** OR ☐ Correspondence address below

Name:

Address:

Address:

City:

State:

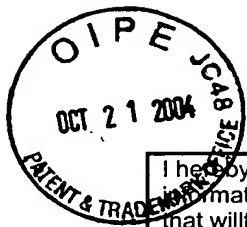
ZIP

Country

Telephone:

Fax: (513) 337-8489





I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name  
(first and middle [if any]) T. Douglas

Family Name  
or Surname MAST

Inventor's  
Signature

Date

Residence: City Cincinnati,

State OH

Country US

Citizenship US

Mailing Address 3907 Lansdowne Avenue

City Cincinnati,

State OH

ZIP 45236

Country US

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NAME OF SECOND INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name  
(first and middle [if any]) Waseem

Family Name  
or Surname FAIDI

Inventor's  
Signature

Date

Residence: City Clifton Park

State NY

Country US

Citizenship Jordan

Mailing Address 702 Solomon Avenue

City Clifton Park

State NY

ZIP 12065

Country US

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NAME OF THIRD INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name  
(first and middle [if any]) Inder Raj S.

Family Name  
or Surname MAKIN

Inventor's  
Signature

Date

Residence: City Loveland

State Ohio

Country US

Citizenship US

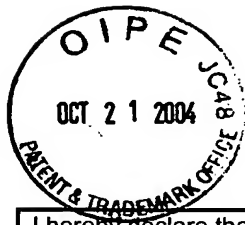
Mailing Address 11388 Donwiddle Drive, Loveland, OH 45140

City Loveland

State OH

ZIP 45140

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NAME OF FOURTH INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name  
(first and middle [if any]) Peter G.

Family Name  
or Surname BARTHE

Inventor's  
Signature

Date

Residence: City Phoenix

State AZ

Country US

Citizenship US

Mailing Address 4818-1 E. Hazel Drive, Phoenix, AZ

City Phoenix

State AZ

ZIP 85044

Country US

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NAME OF FIFTH INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name  
(first and middle [if any]) Michael H.

Family Name  
or Surname SLAYTON

Inventor's  
Signature

Date

Residence: City Tempe

State AZ

Country US

Citizenship US

Mailing Address 1323 E. Whalers Way

City Tempe

State AZ

ZIP 85283-2149

Country US



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PTO/SB/01 (10-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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FOR UTILITY OR DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

☐ Declaration Submitted with Initial Filing **OR** ☒ Declaration Submitted after Initial Filing (Surcharge (37 CFR 1.16(e)) required)

Attorney Docket Number	END-5043
First Named Inventor	T. Douglas Mast
COMPLETE IF KNOWN	
Application Number	10/735,045
Filing Date	December 12, 2003
Group Art Unit	3737
Examiner Name	Not assigned

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(Title of the Invention)

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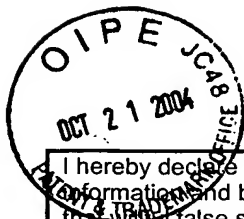
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Address:		
Address:		
City:	State:	ZIP
Country	Telephone:	Fax: (513) 337-8489



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**NAME OF SOLE OR FIRST INVENTOR:**

☐ A petition has been filed for this unsigned inventor

**Given Name**  
(first and middle [if any]) T. Douglas

**Family Name**  
or Surname MAST

**Inventor's**  
**Signature**

**Date**

**Residence: City** Cincinnati,

**State** OH

**Country** US

**Citizenship** US

**Mailing Address** 3907 Lansdowne Avenue

**City** Cincinnati,

**State** OH

**ZIP** 45236

**Country** US

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**NAME OF SECOND INVENTOR:**

☐ A petition has been filed for this unsigned inventor

**Given Name**  
(first and middle [if any]) Waseem

**Family Name**  
or Surname FAIDI

**Inventor's**  
**Signature**

**Date**

**Residence: City** Clifton Park

**State** NY

**Country** US

**Citizenship** Jordan

**Mailing Address** 702 Solomon Avenue

**City** Clifton Park

**State** NY

**ZIP** 12065

**Country** US

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**Given Name**  
(first and middle [if any]) Inder Raj S.

**Family Name**  
or Surname MAKIN

**Inventor's**  
**Signature**

**Date**

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**Citizenship** US

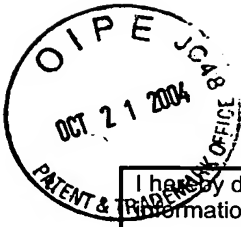
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Given Name  
(first and middle [if any]) Peter G.

Family Name  
or Surname BARTHE

Inventor's  
Signature

Date

20 September 2004

Residence: City Phoenix

State AZ

Country US

Citizenship US

Mailing Address 4818-1 E. Hazel Drive, Phoenix, AZ

City Phoenix

State AZ

ZIP 85044

Country US

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Given Name  
(first and middle [if any]) Michael H.

Family Name  
or Surname SLAYTON

Inventor's  
Signature

Date

Residence: City Tempe

State AZ

Country US

Citizenship US

Mailing Address 1323 E. Whalers Way

City Tempe

State AZ

ZIP 85283-2149

Country US



Please type a plus sign (+) inside this box ☐

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		<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status
10/153,241	May 22, 2002	Pending

I hereby appoint:

☒ Practitioners at Customer Number **000027777** →

AND

☐ Practitioner(s) named below:  
Name Registration Number

Place Customer  
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as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

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Direct all correspondence to: Customer Number  
☒ or Bar Code Label **000027777** OR ☐ Correspondence address below

Name:

Address:

Address:

City:

State:

ZIP

Country

Telephone:

Fax: (513) 337-8489





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**NAME OF SOLE OR FIRST INVENTOR:**

☐ A petition has been filed for this unsigned inventor

**Given Name**  
(first and middle [if any]) T. Douglas

**Family Name**  
or Surname MAST

**Inventor's**  
**Signature**

**Date**

**Residence: City** Cincinnati,

**State** OH

**Country** US

**Citizenship** US

**Mailing Address** 3907 Lansdowne Avenue

**City** Cincinnati,

**State** OH

**ZIP** 45236

**Country** US

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**NAME OF SECOND INVENTOR:**

☐ A petition has been filed for this unsigned inventor

**Given Name**  
(first and middle [if any]) Waseem

**Family Name**  
or Surname FAIDI

**Inventor's**  
**Signature**

**Date**

**Residence: City** Clifton Park

**State** NY

**Country** US

**Citizenship** Jordan

**Mailing Address** 702 Solomon Avenue

**City** Clifton Park

**State** NY

**ZIP** 12065

**Country** US

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**NAME OF THIRD INVENTOR:**

☐ A petition has been filed for this unsigned inventor

**Given Name**  
(first and middle [if any]) Inder Raj S.

**Family Name**  
or Surname MAKIN

**Inventor's**  
**Signature**

**Date**

**Residence: City** Loveland

**State** Ohio

**Country** US

**Citizenship** US

**Mailing Address** 11388 Donwiddle Drive, Loveland, OH 45140

**City** Loveland

**State** OH

**ZIP** 45140

**Country** US

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NAME OF FOURTH INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name  
(first and middle [if any]) Peter G.

Family Name  
or Surname BARTHE

Inventor's  
Signature

Date

Residence: City Phoenix

State AZ

Country US

Citizenship US

Mailing Address 4818-1 E. Hazel Drive, Phoenix, AZ

City Phoenix

State AZ

ZIP 85044

Country US

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NAME OF FIFTH INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name  
(first and middle [if any]) Michael H.

Family Name  
or Surname SLAYTON

Inventor's  
Signature

Date

9/15/04

Residence: City Tempe

State AZ

Country US

Citizenship US

Mailing Address 1323 E. Whalers Way

City Tempe

State AZ

ZIP 85283-2149

Country US



Please type a plus sign (+) inside this box ☐

PTO/SB/01 (10-00)  
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)</b>  <input type="checkbox"/> Declaration Submitted with Initial Filing <b>OR</b> <input checked="" type="checkbox"/> Declaration Submitted after Initial Filing (Surcharge (37 CFR 1.16(e)) required)	Attorney Docket Number	END-5043
	First Named Inventor	T. Douglas Mast
	<b>COMPLETE IF KNOWN</b>	
	Application Number	10/735,045
	Filing Date	December 12, 2003
	Group Art Unit	3737
	Examiner Name	Not assigned

**As a below named inventor, I hereby declare that:**

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHOD FOR MAPPING TEMPERATURE RISE USING PULSE-ECHO ULTRASOUND**  
(Title of the Invention)

the specification of which

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY) **12/12/2003** as United States Application Number or PCT International Application Number **10/735,045** and was amended on (MM/DD/YYYY) ☐

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:



### DECLARATION - Utility or Design Patent Application

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Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status
10/153,241	May 22, 2002	Pending

I hereby appoint:

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AND

☐ Practitioner(s) named below:

Name

Registration Number

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City:

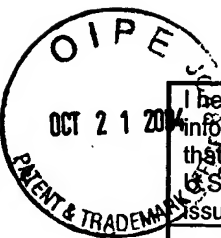
State:

ZIP

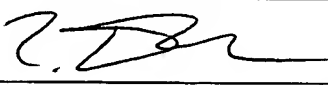
Country

Telephone:

Fax: (513) 337-8489



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<b>NAME OF SOLE OR FIRST INVENTOR:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
<b>Given Name</b> (first and middle [if any]) T. Douglas		<b>Family Name</b> or Surname MAST	
<b>Inventor's Signature</b> 		<b>Date</b> Sept 9 2004	
<b>Residence: City</b> Cincinnati,	<b>State</b> OH	<b>Country</b> US	<b>Citizenship</b> US
<b>Mailing Address</b> 3907 Lansdowne Avenue			
<b>City</b> Cincinnati,	<b>State</b> OH	<b>ZIP</b> 45236	<b>Country</b> US

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<b>NAME OF SECOND INVENTOR:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
<b>Given Name</b> (first and middle [if any]) Waseem		<b>Family Name</b> or Surname FAIDI	
<b>Inventor's Signature</b>		<b>Date</b>	
<b>Residence: City</b> Clifton Park	<b>State</b> NY	<b>Country</b> US	<b>Citizenship</b> Jordan
<b>Mailing Address</b> 702 Solomon Avenue			
<b>City</b> Clifton Park	<b>State</b> NY	<b>ZIP</b> 12065	<b>Country</b> US

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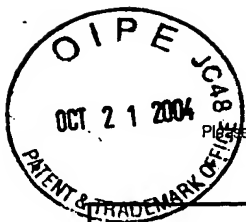
<b>NAME OF THIRD INVENTOR:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
<b>Given Name</b> (first and middle [if any]) Inder Raj S.		<b>Family Name</b> or Surname MAKIN	
<b>Inventor's Signature</b>		<b>Date</b>	
<b>Residence: City</b> Loveland	<b>State</b> Ohio	<b>Country</b> US	<b>Citizenship</b> US
<b>Mailing Address</b> 11388 Donwiddle Drive, Loveland, OH 45140			
<b>City</b> Loveland	<b>State</b> OH	<b>ZIP</b> 45140	<b>Country</b> US

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<b>NAME OF FOURTH INVENTOR:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
<b>Given Name</b> (first and middle [if any]) Peter G.		<b>Family Name</b> or Surname BARTHE	
<b>Inventor's</b> <b>Signature</b>		<b>Date</b>	
<b>Residence: City</b> Phoenix	<b>State</b> AZ	<b>Country</b> US	<b>Citizenship</b> US
<b>Mailing Address</b> 4818-1 E. Hazel Drive, Phoenix, AZ			
<b>City</b> Phoenix	<b>State</b> AZ	<b>ZIP</b> 85044	<b>Country</b> US

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<b>NAME OF FIFTH INVENTOR:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
<b>Given Name</b> (first and middle [if any]) Michael H.		<b>Family Name</b> or Surname SLAYTON	
<b>Inventor's</b> <b>Signature</b>		<b>Date</b>	
<b>Residence: City</b> Tempe	<b>State</b> AZ	<b>Country</b> US	<b>Citizenship</b> US
<b>Mailing Address</b> 1323 E. Whalers Way			
<b>City</b> Tempe	<b>State</b> AZ	<b>ZIP</b> 85283-2149	<b>Country</b> US



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**DECLARATION  
AND  
POWER OF ATTORNEY  
FOR UTILITY OR DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

☐ Declaration Submitted with Initial Filing **OR** ☒ Declaration Submitted after Initial Filing (Surcharge (37 CFR 1.16(e)) required)

Attorney Docket Number	END-5043
First Named Inventor	T. Douglas Mast
<b>COMPLETE IF KNOWN</b>	
Application Number	10/735,045
Filing Date	December 12, 2003
Group Art Unit	3737
Examiner Name	Not assigned

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City:

State:

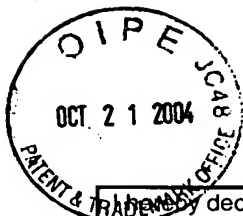
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Telephone:

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NAME OF SOLE OR FIRST INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name  
(first and middle [if any]) T. Douglas

Family Name  
or Surname MAST

Inventor's  
Signature

Date

Residence: City Cincinnati,

State OH

Country US

Citizenship US

Mailing Address 3907 Lansdowne Avenue

City Cincinnati,

State OH

ZIP 45236

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NAME OF SECOND INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name  
(first and middle [if any]) Waseem

Family Name  
or Surname FAIDI

Inventor's  
Signature

Date

Residence: City Clifton Park

State NY

Country US

Citizenship Jordan

Mailing Address 702 Solomon Avenue

City Clifton Park

State NY

ZIP 12065

Country US

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NAME OF THIRD INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name  
(first and middle [if any]) Inder Raj S.

Family Name  
or Surname MAKIN

Inventor's  
Signature

Date

Residence: City Loveland

State Ohio

Country US

Citizenship US

Mailing Address 11388 Donwiddle Drive, Loveland, OH 45140

City Loveland

State OH

ZIP 45140

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**NAME OF FOURTH INVENTOR:**

☐ A petition has been filed for this unsigned inventor

**Given Name**  
(first and middle [if any]) Peter G.

**Family Name**  
or Surname BARTHE

**Inventor's**  
**Signature**

**Date**

**Residence: City** Phoenix

**State** AZ

**Country** US

**Citizenship** US

**Mailing Address** 4818-1 E. Hazel Drive, Phoenix, AZ

**City** Phoenix

**State** AZ

**ZIP** 85044

**Country** US

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**NAME OF FIFTH INVENTOR:**

☐ A petition has been filed for this unsigned inventor

**Given Name**  
(first and middle [if any]) Michael H.

**Family Name**  
or Surname SLAYTON

**Inventor's**  
**Signature**

**Date**

**Residence: City** Tempe

**State** AZ

**Country** US

**Citizenship** US

**Mailing Address** 1323 E. Whalers Way

**City** Tempe

**State** AZ

**ZIP** 85283-2149

**Country** US